From the Geosphere to the Cosmos: ASPERA Workshop

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Education:

1963	S.B., Electrical Engineering, MIT
1966	S.M., Electrical Engineering, MIT
1981	Ph.D., Physics, Univ. of Manchester Inst. of Science and Technology

Appointments:

2004-	Professor of Physics (semi-retired)
1989-1992	Chairman and Professor, Electrical Engineering
1987-2004	Professor of Physics
1985-1987	Assoc. Professor of Physics
1966-2004	Research Engineer/Physicist, R&ED Division, NM Tech

Selected Publications:

Krehbiel, P.R., Riousset, J.A., V.P. Pasko, R.J. Thomas, W. Rison, M.A. Stanley, and H.E. Edens, Upward Electrical Discharges from Thunderstorms, Nature Geoscience, doi:10.1038/ngeo162 April, 2008.

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Behnke, S.A., R.J. Thomas, P.R. Krehbiel, and W. Rison, Initial leader velocities during intracloud lightning: Possible evidence for a runaway breakdown e_ect, J. Geophys. Res., 110, D10207, 2005.

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Shao, X.M., and P.R. Krehbiel, The spatial and temporal development of intracloud lightning, J. Geophys. Res., 101, 26,641-26,668, Nov. 1996.

Krehbiel, P., The electrical structure of thunderstorms, in The Earth's Electrical Environment, Nat'l. Academy Press, Washington, D.C., pp. 90-113, 1986.

Krehbiel, P.R. and M. Brook, A broadband noise technique for fast-scanning radar observations of clouds and clutter targets, IEEE Trans. Geosci. Electron. GE-17, 196-204, 1979.

Krehbiel, P.R., M. Brook, and R.A. McCrory, An analysis of the charge structure of lightning discharges to ground, J. Geophys. Res., 84, 2432-2456, 1979.